From: "Oakley, Dennis" <dennis.oakley@pacificorp.com>

**To:** "Chris Imbrogno - DEQ" <cimbrogno@utah.gov>, "DEQ- Mike Herkimer" <mherkimer@utah.gov>, "DEQ-Jennifer Strong" <jenstrong@utah.gov>, "Edith Van Vleet" <a href="mailto:covanyloot@utah.gov">covanyloot@utah.gov</a>, "DEQ-Jennifer Strong" <jenstrong@utah.gov>, "Edith Van Vleet"

<evanvleet@utah.gov>

**Date:** 7/23/03 8:24AM

**Subject:** Amended DMR Reports for the Month of May 2003

Attached are amended DMR reports for the month of May 2003. The original submittal reported the monitoring period from 06/01/2003 to 06/30/2003. This submittal contain the corrected monitoring period dates of 05/01/2003 to 05/31/2003. Sorry for the inconvenience.

<<Maydmr03amend.pdf>>

Dennis Oakley Environmental Engineer

15 North Main Street Huntington, Utah 84528 Phone: 435.687.4825 Fax: 435.687.2695

E-mail: dennis.oakley@pacificorp.com

**CC:** "Carl Pollastro" <carl.pollastro@pacificorp.com>, "Chuck Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Ken Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>

			Di	isc harg	e Monitori	ing Report					
Name: PacifiCorp, Energy Address: P.O. Box 310	West Mining Con	npany				•		Sediment po	ond outfall into C	ottonwood Ck.	
Huntington, Utah			UI0023728	ì	05/01/2003	05/31/2003	]		001A	]	No Discharge
Facility: Trail Mountain N	/line		Permit Number	J	Monitor	ing Period	_	Dischar	ge Number	]	X
Parameter		Quan	tity or Loading		Q	uantity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	******	******	****		******				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	***	******					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
######################################		******	******	****	******	******				1/30	Grab
00545 R 0 0 Effluent Gross Value		******	******	****	******	******	0.5 Dai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	4216				1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******			H	ا تيما	.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	******				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	utive Officer		law that I have personally exa erein; and based on my inquir			Date:	07/23/20	003		Telephone	
Dee Jense - President In Mining Comr		immediately responsible t information is true, accura for submitting false infor	for obtaining the information ate and complete. I amaware tha rmation, including the possib	n,Ibelieve the sub at there significan ility of fine and i	mitted t penalties mprisonment.	(	ngell.	ster	435	687-	9821
Mining Company  for submitting files:information, including thepossibility of fine and imprisonment.  See 18 USC paragraph 1001 and 33 USC paragraph 131.9.(  Promities under these statutes includel/time up to \$10,000 and or meat mum imprisonment of between 6  Typed or Printed  Signature of Principal Executive Officer or Authorized Agent  Area Code Numb				mber							
Comments and explanation		·									
During storm discharge, sar			r oil and grease is on	nly required	when sheen is obse	erved					

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Page 1 of 2

Name: PacifiCorp, Energy	West Mining Com	inany	Dis	scharg	e Monitorii	ng Report		Outfall into	Cottonwood Ck.		
Address: P.O. Box 310 Huntington, Utah Facility: Trail Mountain N	84528	<i>p</i> y	UI0023728 Permit Number	]	05/01/2003 Monitorin	05/31/2003 ng Period	}		002A ge Number	]	No Discharge
Parameter		_ `	ity or Loading	Land	`	antity or Conc	1	Line		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate 00056 1 0 0	Measurement Permit	Report	Report	mgd	******	******	******	****		2/30 twice/month	Measurd Estimated
Effluent Gross Value	Requirement Sample	30 day avg	Daily max	mgu				****		twice/mount	Estinated
pH	Measurement	*****	******	****		******				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Dai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	******	210	5			2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******		**	561		i.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	******	******	****	******	******				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	tive Officer		withat I have personally exame ein; and based on my inquiry			Date:	07/07/20	03		Telephone	
Dee Jense - President InterWest Mining Company  immadistely re information is for submitting			or obtaining the information, e and complete. I am aware that mation, including the possibil	I believe the subr there significant	nitted penalties		ngella	steo	435	687-	9821
0 1			1 and 33 USC paragraph 1319 o \$10,000 and or maximum in		alties under these aween 6		incipal Executive Offic uthorized Agent	cer or	Area Code	Nu	mber
Typed or Printe Comments and explanation of									ļ	I	
Sample for oil and grease is		hen sheen is observ	ved								

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 Page 2 of 2

Name: PacifiCorp, Energy	West Mining Con	npany	D	isc har	ge Monitor	ing Report	t	Deer Creek !	Mine Discharge		
Address: P.O. Box 310 Huntington, Utah Facility: Deer Creek Mine	84528		UT0023604 Permit Number	]	05/01/2003 Monitori	05/31/2003 ing Period	3	Dischan	002 ge Number	]	No Discharge
Parameter			tity or Loading	1		uantity or Cond		1		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement	0.98	1.1		******	*****	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
рН	Sample Measurement	******	*****	****	6.62	******	6.62		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	***	5	5	5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	***	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	*****	******	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****		0.94		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	***	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	******	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	******	****	******	N/A	449		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	800 Ortr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		law that I have personally exa			Date:	07/07/20	003		Telephone	
Dee Jense - President InterWest Mining Company  Information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, believe the submitted imformation is true accurate and complete, a lemanware that there is gain fixer postities for submitting false information, including the possibility of fine and imprisonment.					omitted nt penalties	apllastes 435 687-9821			9821		
			01 and 33 USC paragraph 131 to \$10,000 and or maximum i		malties under these between 6		rincipal Executive Offic	cer or	Area Code	Nun	nber
Typed or Prin Comments and explanation										1	
Sample oil and grease only			is another reason to	believe oil i	s present. Fill in N/A	A when a test is not	performed.				

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Name: PacifiCorp, Energy West Mini Address: P.O. Box 310 Huntington, Utah 84528	ng Company	UT0023604					Deer Creek M	Aine Sediment Po	nd Discharge	
Huntington, Utah 84528		UI0023604							-	
E To D C LAC				05/01/2003	05/31/2003			001	1	No Discharge
Facility: Deer Creek Mine		Permit Number	j	Monitor	ing Period		Discharg	ge Number		
									П	
Parameter	Quan	tity or Loading		Q	uantity or Cond	centration			Frequency of	
	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate Sample Measurem	0.028	0.028		*****	*****	******	****	0	1/30	Measured
00056 1 0 0 Permit Effluent Gross Value Requirement	Report at 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pH Sample Measurem	nt ******	******	****	6.54	******	6.54		0	1/30	Grab
00400 1 0 0 Permit Effluent Gross Value Requirement	nt ******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Sample Solids, Total Suspended Measurem	******	******	****	7	7	7		0	1/30	Grab
00530 1 0 0 Permit Effluent Gross Value Requireme	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Sample Settleable Solids Measurem	nt ******	*****	****	*****	******	N/A		***	**	**
00545 R 0 0 Permit Effluent Gross Value Requireme	****** It	******	****	******	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe) Sample Measurem	nt ******	*****	****	*****	0.09	0.09		0	1/30	Grab
01045 10 0 Permit Effluent Gross Value Requireme	****** It	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Sample Freon Extr-Grav Method Measurem	******	******	****	*****	******	N/A		***	**	**
00556 0 0 0 Permit Effluent Gross Value Requireme	******	******	****	******	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved Sample 180 °C Measurem	*******	308.5		*****	1310	1310		0	1/30	Grab
70300 1 0 0 Permit Effluent Gross Value Requireme	ıt ******	2000 Daily max	(26) lbs/day	******	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual Sample Measurem	******	0	(94)	*****	******	*****	****	0	4/30	Visual
84066 1 0 0 Permit Requireme	nt ******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Executive Officer		law that I have personally exam			Date:	07/07/20	003		Telephone	
Dee Jense - President InterWest Mining Company	immediately responsible information is true, accur for submitting false info	erein; and based on my inquiry for obtaining the information at eard complete. I amaware tha rmation, including the possibi	, I believe the sub t there significan lity of fine and i	mitted nt penalties mprisonment.		agella.	ster	435	687-9	821
		01 and 33 USC paragraph 1319 to \$10,000 and or maximum in		nalties under these between 6		rincipal Executive Offic	cer or	Area Code	Num	ber
Typed or Printed  Comments and explanation of any vio					· · · · · ·				l	
Sample oil and grease only when a h		is another reason to b	elieve oil is	s present. Fill in N/	A when a test is not	performed.				

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			Di	isc ha r g	e Monitori	ng Keport					
Name: PacifiCorp, Energy Address: P.O. Box 310	West Mining Con	npany					Minor	Mine discha	arge into Cottonwo	ood Canyon Creek	C
Huntington, Utah	84528		UI0022896	7	05/01/2003	05/31/2003	]		001A	1	No Discharge
Facility: Cottonwood/Will	erg Mine		Permit Number		Monitori	ing Period		Dischar	ge Number		
Parameter		Quan	tity or Loading		Q	uantity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.031	0.031		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
pН	Sample Measurement	*****	******	****	6.9	******	6.9		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	******	0.01		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	195.3		******	******	******	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease	Sample Measurement	*****	******	****	******	******	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exec	ative Officer		awthat I have personally exa			Date:	07/07/20	003		Telephone	
Dee Jense - President InterWest Mining Company  See 18 (Sc paragend 00 and 301 kg paragent 319 (9 a Ponting 1) and 10 and				mitted t penalties		agell.	steo	435	687-	9821	
Typed or Prin			1 and 33 USC paragraph 131 o \$10,000 and or maximum		nalties under these etween 6		rincipal Executive Off Authorized Agent	icer or	Area Code	Nu	mber
Comments and explanation						+					
If oil and grease sheen is of			this must be less that	in 10 mg/L.							

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 Revised 1-02
 Page 1 of 6

			Die	charge	Monitorin	g Renort						
Name: PacifiCorp, Ener Address: P.O. Box 310	rgy West Mining Co	ompany	Dis	ciiaige	, iviolitoriii	ig Keport	Minor	Sediment p	ond outfall into C	Grimes Wash		
Huntington, Utal Facility: Cottonwood/V			UT0022896 Permit Number		05/01/2003 Monitorin	05/31/2003 ng Period	}		003A ge Number		No Discharge	
Parameter		Quant	ity or Loading		Qu	antity or Con	centration					
1 11 11 11 10 10 1		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow Rate	Sample Measurement				*****	******	*****	****		1/30	Measured	
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	*****	****		once/month	Measured	
рН	Sample Measurement	*****	*****	****		*****				1/30	Grab	
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab	
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day ax		(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	*****	*****	****	sie	chi	19			1/30	Grab	
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	O	יכוע	******	0.5 Daily max	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	****	****	*****					1/30	Grab	
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	*****			*****	******	*****	****		1/30	Grab	
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	*****	****		once/month	Grab	
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	*****	*****	****		Weekly	Visual	
Name/Title Principal Executive Officer  I certify under penalty of law that I have personally examined and am familiar with the information salmitted herein; and based on my inquiry of those individuals immediately responsible for obtaining solicities the information. I believe the salmitted												
Dee Jense - Presider Mining Com		for submitting false info	urate and complete. I am irmation, including the po- and 33 USC paragraph 1:	ssibility of fine	and imprisonment. See	C 0	nJella	tes	435	687-	-9821	
Typed or Pri	nted		000 and or maximum imp				incipal Executive Offic uthorized Agent	er or	Area Code	Nu	mber	
Comments and explana	tion of any viola		n and this must be	a lace than	10 mg/I	•			ı	1		
ii on and grease sneen i	oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.											
C : 16 FD+F 2220			D : 1102							D 2 66		

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 Revised 1-02
 Page 3 of 6

Address: P.O. Box 310 Huntington, Utah	ress: P.O. Box 310 Huntington, Utah 84528 UT0022896 <u>05/01/2003</u> <u>05/31/2003</u>						Minor		ond outfall into C 004A ge Number	ottonwood Ck.	No Discharge
Parameter		Quan	tity or Loading		Qı	antity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
рН	Sample Measurement	******	******	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****			-40				
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day a	35 A A		(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******		115	<u> </u>					
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	U.		Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	******	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	*****	******	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	*****	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exec	ıtive Officer		aw that I have personally exan			Date:	07/07/20	03		Telephone	
	information submitted herein; and based on my inquiry of those ind immaliadly seponsible for obtaining the information, I believe the immaliadly seponsible for obtaining the information, I believe the immaliadly seponsible for obtaining the information, I believe the immaliadly seponsible for obtaining the information, induding the possibility of fines  Mining Company		I believethe subr theresignificant lity of fineand in	nitted penalties nprisonment. See		afella	stes	435	687-	9821	
Typed or Print			d 33 USC paragraph 1319.( 0 and or maximum imprisons		es under these statutes months and		incipal Executive Offic uthorized Agent	er or	Area Code	Nu	mber
Comments and explanation If oil and grease sheen is of	of any violations: oserved, a sample	:	this must be less than	n 10 mg/L.						Dece 4 of 6	
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			Dis	scharge	Monitorin	g Report					
	rgy West Mining Co	ompany		_			Minor	Sediment p	ond outfall from	waste rock site	
Address: P.O. Box 310 Huntington, Utal	h 84528		UT0022896	Т	05/01/2003	05/31/2003	ר		005A	1	No Discharge
Facility: Cottonwood/V			Permit Number		Monitoria		1		ge Number		X
				_			_			•	[A.J
Parameter		Quant	ity or Loading		Qu	antity or Cone	centration				
Taraneter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****		0				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	Lave E	_#H	314	7 day max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	Ma	*	ייטכ	******	NR				
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	NO	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	*****	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	*****	*****	****			
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Tital Principal Exc	ecutive Officer		of law that I have persona serein; and based on my in			Date:	07/07/200			Telephone	
Dee Jense - Presider Mining Com		immediately responsible information is true, acc for submitting false info	e for obtaining the informa- urate and complete. I am emation, including the po	ation, I believe t aware that then essibility of fine	the submitted e significant penalties and imprisonment. See	(	nofella	tes	435	687-	9821
			and 33 USC paragraph 1 000 and or maximum imp				ncipal Executive Offic uthorized Agent	er or	Area Code	Nu	mber
Typed or Pri						1				1	
Comments and explana If oil and grease sheen i	,		n and this must b	e less than	10 mg/L						
G : 16 FD4 F 2220			D : 1102							D 5 66	

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 Revised 1-02
 Page 5 of 6

			Di	scharge	Monitorin	g Report					
Name: PacifiCorp, Ene Address: P.O. Box 310 Huntington, Uta Facility: Cottonwood/		Company	UT0022896 Permit Number		05/01/2003 Monitorin	05/31/2003 g Period	]	S	ombination 002, UM A ge Number	003, & 005	No Discharge
Parameter		Quan	tity or Loading	<u> </u>	Qu	antity or Cond	centration				
Taraneter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Dissolved	Sample Measurement				*****	*****	*****				
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	******	******	****		once/month	Grab
	Sample Measurement										
	Permit Requirement					-40					
	Sample Measurement				h	ary					
	Permit Requirement				1561		6				
	Sample Measurement		Fr	0 "		R OL	<b>J</b>				
	Permit Requirement				<b>₼</b> ∩3•	<b>D</b>					
	Sample Measurement		-	AT.	Don						
	Permit Requirement			77.							
	Sample Measurement										
	Permit Requirement										
	Sample Measurement Permit										
	Requirement										
Name/Title Principal Ex	ecutive Officer		y of law that I have person I herein; and based on my			Date:	07/07/20	03		Telephone	
Dee Jense - President InterWest  Mining Company  immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant for submitting false information, including the possibility of fine and imprison II8 USC (paragraph 100) and 33 USC (paragraph 130) () Penalties under these		e significant penalties and imprisonment. See	nt. See		tes	435	687-	-9821			
			0,000 and or maximum im				ncipal Executive Offic athorized Agent	er or	Area Code	Nu	ımber
Typed or Pri Comments and explana									1	<u> </u>	
Total discharge of TDS			shall not exceed 2	,000 lbs/day	during draw dow	n.					

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 Revised 1-02
 Page 6 of 6

			Di	scharge	e Monitorii	ng Report					
Name: PacifiCorp, Energanderss: P.O. Box 310 Huntington, Utah Facility: Des Bee Dove M	84528	ompany	UTG040022 Permit Number	]	05/01/2003 Monitori	05/31/2003 ng Period	3		001A ge Number	]	No Discharge
Parameter		Quan	tity or Loading		Qı	antity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	< 0.01	0.01		******	*****	*****	****	0		
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	*****	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****	6.21	*****	6.21		0		
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******	6	6		***	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	******	*****	N/A		***		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****	0.16	40	***	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved 70295 1 0 0	Sample Measurement Permit	*****	470	****	*****	*****	3910 Report		0		
Effluent Gross Value	Requirement	*****	Daily max	(26) lbs/day	******	******	Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****	0	****	******	******	******	****	0		
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have personal			Date:	07/07/20	03		Telephone	
	formation sativited herein; and based on my inquisy of the immediately responsible for obtaining the information. I be information is true, accurate and complete. I am aware that for submitting false information, including the possibility of Is USC penagraph 1010 and 33 USC puragraph 1319 ( Pe				he submitted e significant penalties and imprisonment. See	nt. See			435	687-	-9821
Typed or Prin	ted		000 and or maximum imp				incipal Executive Offic Authorized Agent	er or	Area Code	Nu	ımber
Comments and explanat Oil and grease not to exc	ion of any viol		I. Settleable solids	shall be m	easured during st	orm water discha	arge.				

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			Dis	scharge	e Monitorir	ig Report						
* * *	rgy West Mining Co	mpany		·								
Address: P.O. Box 310 Huntington, Utal	h 84528		UTG040009	T	05/01/2003	05/31/2003	7	<del></del>	001A	1	No Discharge	
Facility: Hunter Coal P			Permit Number		Monitorii				ge Number		X	
-				•	•		=					
Parameter		Quant	ity or Loading		Qı	antity or Con	centration			P .		
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow Rate	Sample Measurement				*****	*****	******	****				
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		once/month	Estimated	
pН	Sample Measurement	*****	*****	****		*****						
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU				
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****	
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	******	*****	****	******	a 152	rue	7	****			
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	***		CHI	0.5 Daily max	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	*****		******	******			****	****	****	
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	******						
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	******	Report Daily max	(19) mg/L		once/month	Grab	
	Sample Measurement	*****		****	*****	*****	*****	****				
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual	
Name/Title Principal Exe	cutive Officer		of law that I have personal erein; and based on my in			Date:	07/07/20	03		Telephone		
Dee Jense - Preside Mining Com		immediately responsible information is true, according submitting false info	for obtaining the informa trate and complete. I am a mation, including the pos	tion, I believe to ware that then sibility of fine	the submitted e significant penalties and imprisonment. See		ngella	stea	435	687-	-9821	
			and 33 USC paragraph 13 900 and or maximum impr				incipal Executive Offic uthorized Agent	cer or	Area Code	Nu	ımber	
	Typed or Printed [and 3 years .] Authorized .sgent  Comments and explanation of any violations:											
Oil and grease not to ex			. Settleable solids	shall be m	neasured during st	orm water discha	rge.					

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Page 1 of 2

			Dis	scharge	e Monitorir	ıg Report						
Name: PacifiCorp, Energ Address: P.O. Box 310	gy West Mining Co	ompany										
Huntington, Utah	84528		UTG040009	ī	05/01/2003	05/31/2003			002A	1	No Discharge	
Facility: Hunter Coal Pre	paration Plant		Permit Number	1	Monitorii	ng Period		Dischar	rge Number	]	X	
									l	I		
Parameter			ity or Loading		•	antity or Con	1			Frequency of		
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type	
Flow Rate	Measurement				*****	******	*****	****				
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	******	******	****		once/month	Estimated	
рН	Sample Measurement	*****	*****	****		******						
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU				
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****	
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 day av		(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	*****	*****	****	nic	CIL	11.9		****			
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	LO D	Mis	******	0.5 Daily max	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	******			****	****	****	
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	******						
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab	
	Sample Measurement	*****		****	*****	*****	*****	****				
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	******	****		Weekly	Visual	
Name/Title Principal Execu	utive Officer		f law that I have personal erein; and based on my in			Date:	07/07/20	03		Telephone		
Dee Jense - Presiden Mining Comp		immediately responsible information is true, acci for submitting false info	for obtaining the informa trate and complete. I am a mation, including the pos	tion, I believe to aware that then sibility of fine	the submitted e significant penalties and imprisonment. See		ngella	tes	435	687-	-9821	
- 1			and 33 USC paragraph 13 000 and or maximum impr				incipal Executive Offic authorized Agent	er or	Area Code	Nu	mber	
Typed or Print	Typed or Printed [and 3 years -)  omments and explanation of any violations:											
Oil and grease not to exc			Settleable solids	shall be m	neasured during st	orm water discha	rge.					

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